

**United States Environmental Protection Agency  
Region III  
POLLUTION REPORT**

**Date:** Tuesday, September 16, 2008

**From:** Gregory Ham

**Subject:** Removal action completed

New Jersey Fireworks

1726 Old Philadelphia Road, Elkton, MD

Latitude: 39.6026470

Longitude: -75.8777040

<b>POLREP No.:</b>	4	<b>Site #:</b>	E319
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	3/29/2007	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	3/29/2007	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>		<b>Contract #</b>	
<b>RCRIS ID #:</b>			

#### **Site Description**

This site is a former fireworks manufacturing facility. During World War 2 some munitions manufacturing may have occurred. Wastes onsite include fireworks components spread throughout the site in a number of small buildings and trailers. Many of these buildings and trailers are unsecured and in poor condition. On 3/25/07, a building onsite caught fire (allegedly started by vandals) and burned.

On 3/28/07, OSC Gregory Ham issued a Special Bulletin to activate an emergency response on site to address the hazards posed by potential fireworks and fireworks components onsite. On 3/29/07, the OSC and technical and cleanup contractors mobilized to the site, collected 21 samples of various materials onsite. Several bags of hexachloroethane were found onsite, along with small bags of pigments containing nitrobenzene. Two drums of material containing potassium perchlorate were found also.

On 4/3/2007, a hazard categorization was conducted on each of these samples. The results revealed 9 substances that were oxidizers, 5 shock sensitive/reactive, 4 flammables, 2 combustible, and 2 that gave off colored smoke (a number of samples were in multiple categories above). 9 samples gave no reactions.

The suspected hazardous/flammable materials onsite were overpacked or bagged and stored in two secure locations onsite, awaiting sample results for final disposition. The operator of the site has repaired the fencing onsite (completed 4/27/07).

On June 8, 2007, EPA and it's contractors returned to the site and shipped four drums of hazardous waste from the site, including various mixtures of hexachloroethane, sodium perchlorate, nitrobenzene, potassium perchlorate, and barium chlorate. These wastes were shipped to an approved offsite disposal facility.

#### **Current Activities**

An environmental assessment of the site was completed in June 2008. Surface and subsurface soil, groundwater, surface water, and sediment samples were collected at the site.

#### **Planned Removal Actions**

All removal actions covered by the Special Bulletin dated 3/28/07 have been completed. Additional assessments of the site are being completed, and evaluations of this new information will be made to determine if further removal actions are needed.

#### **Next Steps**

Complete a munitions/ordinance assessment of the site.

#### **Key Issues**

Large amounts of scrap metal and debris litter the site, and will interfere with attempts to identify any

possible ordinance related materials.

Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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